

What is claimed is:

1. A magnetic head suspension comprising:

a flexure for supporting a magnetic head;

5 a load-bent portion for generating a load for pressing said magnetic head to a magnetic disk;

a load beam for transmitting the load generated by said load-bent portion to said flexure; and

a base portion connected to said load-bent portion, in which

10 said base portion has a main body and an embedded body embedded in the main body so as to be positioned in a region in which the main body and said load-bent portion overlap with each other,

said main body is made of a material having a specific gravity lower than that of said embedded body,

15 said embedded body is made of a material which can be welded to said load-bent portion, and

said load-bent portion and said embedded body are welded to each other to thereby join the load-bent portion and said base portion to each other.

20 2. A magnetic head suspension as set forth in claim 1, in which

said main body is made of any one of aluminum, an aluminum alloy, magnesium and a magnesium alloy, and

said embedded body is made of any one of nickel, a nickel alloy, stainless steel, a stainless alloy, titanium and a titanium alloy.

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3. A magnetic head suspension as set forth in claim 1, in which

said embedded body is made of the same material as that of said load-bent

portion.

4. A magnetic head suspension as set forth in claim 2, in which
said embedded body is made of the same material as that of said load-bent
5 portion.

5. A magnetic head suspension comprising:
a flexure for supporting a magnetic head;
a load-bent portion for generating a load for pressing said magnetic head to a
10 magnetic disk;
a load beam for transmitting the load generated by said load-bent portion to
said flexure; and

15 a base portion connected to said load-bent portion, in which
a laminated member forming said load-bent portion and said load beam is
provided, and

20 said laminated member has a flexible member extending in a longitudinal
direction and a low-specific-gravity member which is laminated on said flexible
member so as to be positioned at least on a side in contact with said base portion and
which is made of a material capable of being welded to said base portion and having a
specific gravity lower than that of said flexible member, only said flexible member
existing in a region of the laminated member in which said load-bent portion is to be
formed.

25 6. A magnetic head suspension as set forth in claim 5, in which
said laminated member is formed by laminating said low-specific-gravity
members on both sides of said flexible member in such a manner as to sandwich said
flexible member.

7. A magnetic head suspension as set forth in claim 5, in which
said base portion is made of the same material as that of said
low-specific-gravity member.

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8. A magnetic head suspension as set forth in claim 6, in which
said base portion is made of the same material as that of said
low-specific-gravity member.

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9. A magnetic head suspension as set forth in claim 5, in which
said laminated member is formed by laminating said flexible member and said
low-specific-gravity member by pressing, and
said low-specific-gravity member is removed by etching only in a region of the
laminated member in which said load-bent portion is to be formed.

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10. A magnetic head suspension as set forth in claim 6, in which
said laminated member is formed by laminating said flexible member and said
low-specific-gravity member by pressing, and
said low-specific-gravity member is removed by etching only in a region of the
20 laminated member in which said load-bent portion is to be formed.

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11. A magnetic head suspension as set forth in claim 7, in which
said laminated member is formed by laminating said flexible member and said
low-specific-gravity member by pressing, and
25 said low-specific-gravity member is removed by etching only in a region of the
laminated member in which said load-bent portion is to be formed.

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12. A magnetic head suspension as set forth in claim 8, in which
said laminated member is formed by laminating said flexible member and said
low-specific-gravity member by pressing, and
said low-specific-gravity member is removed by etching only in a region of the
5 laminated member in which said load-bent portion is to be formed.

13. A magnetic head suspension as set forth in claim 5, in which
said flexible member is made of any one of stainless, a titanium alloy or a
copper alloy, and
10 said low-specific-gravity member is made of any one of aluminum or an
aluminum alloy.

14. A magnetic head suspension as set forth in claim 1, in which
said base portion is an arm capable of being attached to a bearing of a voice
15 coil motor.

15. A magnetic head suspension as set forth in claim 1, in which
said base portion can be attached to an E block by caulking.